

1964

News and Notes - Keep the News Lines Open

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ing the past several years. Interested teachers should contact colleges for possible expansion of these programs, creation of new ones, or the establishment of extension centers for such work. It is usually possible to earn from three to six semester hours of graduate credit while on the job as a full time teacher.

ISTA at ISEA

Vice President David Fagle has been making plans for a fine fall meeting of ISTA at the October 16 meeting of ISEA. All members should check the ISEA program for specifics concerning this fall's meeting. A fine luncheon will be served. Advanced purchase of luncheon tickets will insure a reservation.

Write to Lindy Solon, Secretary, Ames Junior High, Ames, Iowa, for additional information as well as the tickets.

Keep the News Line Open

This section of your Journal is available for news reports concerning science teaching. Please send all such items to your editor. It is difficult to keep a Journal state-wide with respect to news if there is not cooperation from many within the state.

ISTA members on CASMT Program at Detroit

Several ISTA members will be a part of the program of the Central Association of Science and Mathematics Teachers meeting on November 27, 28, and 29 in Detroit. Bill Frey of Des Moines will speak on research possibilities for high-ability secondary students. Don Schmidt of Iowa City will be a featured speaker on new innovations in biology instruction. Jerry Krockover of Bettendorf will speak on needed revisions in Junior High science. Several University High School (Iowa City) staff members will be a part of a panel discussion on a Junior High School Science Sequence.

Science Teaching Papers in Proceedings

The Proceedings of the Iowa Academy of Science has another value to the science teachers of Iowa. Included with the many fine reports of scientific research are selected papers which report the results of research in science education. These papers are distributed throughout the 1963 Proceedings. However, there will be a separate Science Teaching Section of the 1964 publication which is already in the process of being printed.

Complimentary Copies of Issue No. 1 of Volume 2

Complimentary copies of this issue have been mailed to every secondary science teacher in Iowa as a means of informing all teachers of the activities and organization of the Iowa Science Teachers Association and the existence of this Journal. If you are not a member, why not join now and secure forthcoming issues as well?

Army Science Symposium

The third annual Iowa Science Engineering and Humanities Symposium will be held on the campus of the State University of Iowa April 1, 2, and 3, 1965.

Six students will be invited to present research papers at the Iowa symposium at the U.S. Military Academy, West Point, New York, April 29, 30 and May 1, all expenses paid.

Outstanding students and teachers nominated by their schools and selected by the University will attend this two day program. All schools in the State of Iowa and Western Illinois have been contacted. For further information, contact:

Dr. T. R. Porter, Director
Iowa Science Engineering &
Humanities Symposium
State University of Iowa
Iowa City, Iowa

REVIEWS

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Single Concept Teaching Films

Recent materials in science education that will likely affect classroom instruction in all sciences for years to come is the single concept teaching film series of Encyclopedia Britannica Films Inc. Approximately a dozen films in each subject matter discipline, biology, chemistry and physics compose the first release from EBF, presumably with more to follow.

By no means least in the EBF package is the mechanism for showing and storage of the films. Third-grade level intelligence is

required for machine operation, no more. Each film is cased in a "magi-cartridge", a plastic box in which the head and tail of the film are joined together. Once the film has been run completely, it begins again, re-showing the concept so long as the machine is turned on. Films are silent, technicolor, and can be shown without darkening a room unless the projected image is to be considerably enlarged. An up or down position is printed on each cartridge telling the operator how to insert the cartridge into the loading slot. However, even without instructions, it is virtually impossible to load the